

AKITA ET AL.
CML00596JC

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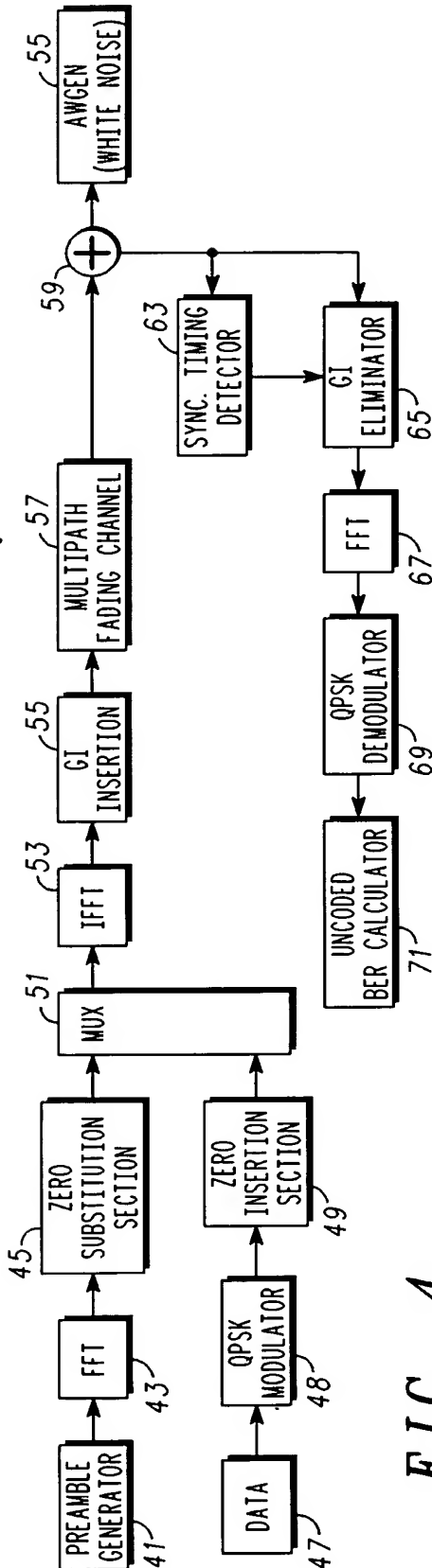


FIG. 4

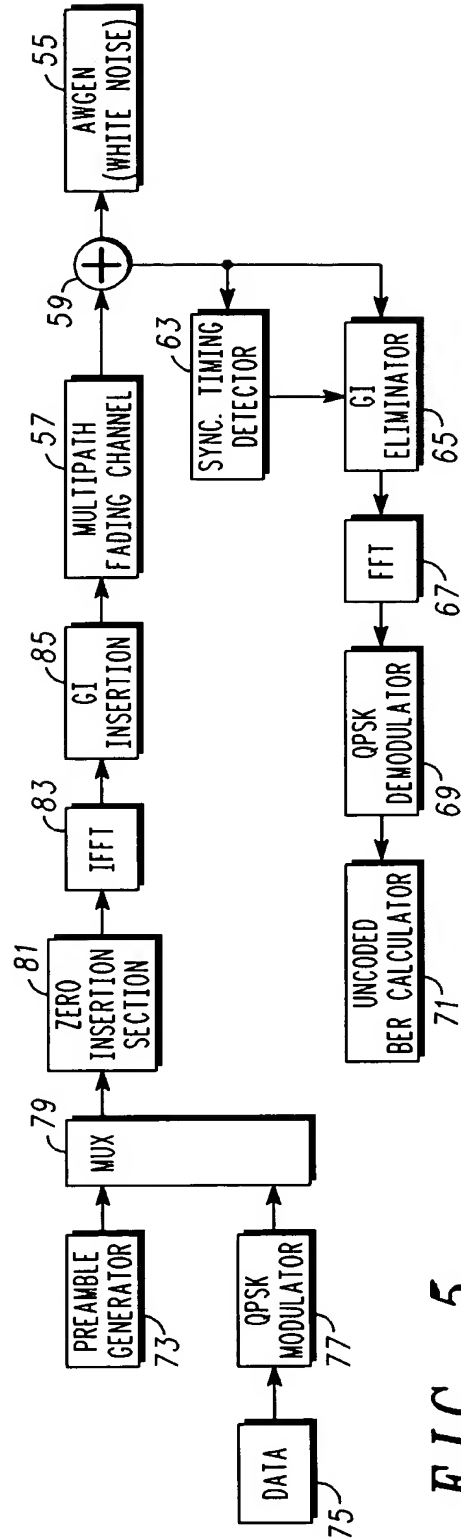


FIG. 5

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BANDWIDTH	101.25 MHz
NUMBER OF SUBCARRIERS	768
NUMBER OF IFFT/FFT POINTS	1024
OFDM SYMBOL PERIOD (EFFECTIVE DATA PLUS GI)	9.259 μ S (1024 SAMPLES+226 SAMPLES) (7.585 μ S + 1.674 μ S)
FRAME LENGTH	55 OFDM SYMBOLS (52DTCH, 2PICH, 1SCH)
MODULATION	QPSK
CHANNEL MODEL	SEE FIG.7
OTHER CELL INTERFERENCE	GAUSS DISTRIBUTION (CNR=12dB)
CHANNEL ESTIMATION	PILOT SYMBOL ASSISTED ESTIMATION
SCH/DTCH	0, -2, -4, -6, -8, -10dB

FIG. 6

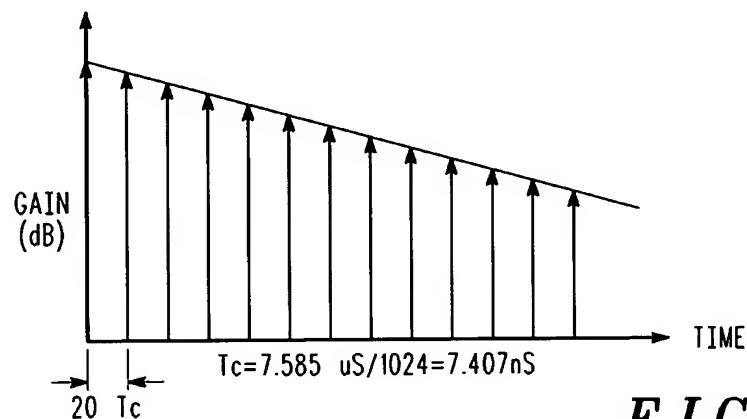


FIG. 7A

PATH NUMBER	DELAY (nS)	GAIN (dB)
1	0.000	0.000
2	148.145	-1.000
3	296.289	-2.000
4	444.436	-3.000
5	592.578	-4.000
6	740.723	-5.000
7	888.867	-6.000
8	1037.012	-7.000
9	1185.156	-8.000
10	1333.301	-9.000
11	1481.445	-10.000
12	1629.590	-11.000

FIG. 7B

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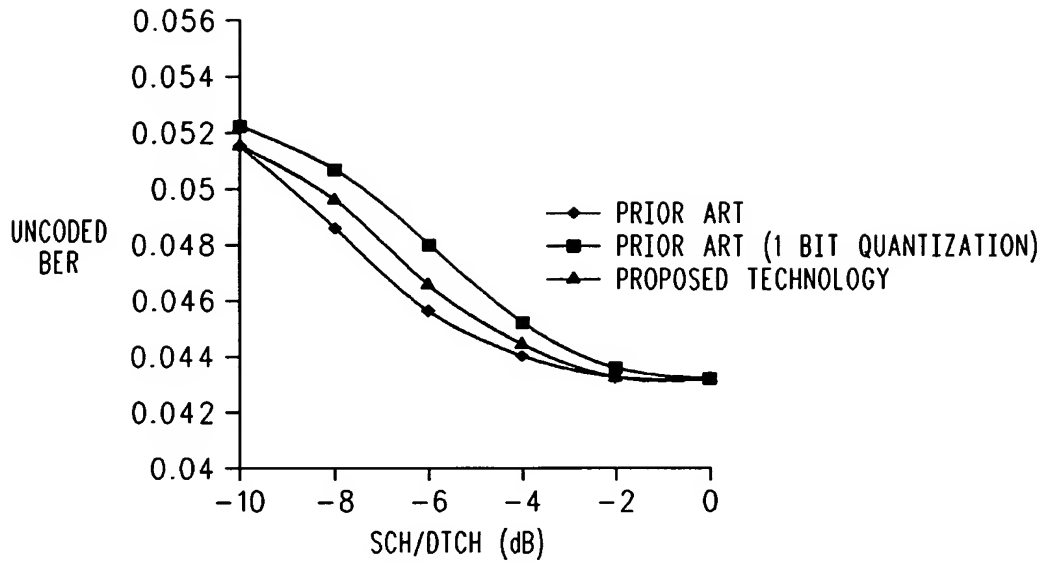


FIG. 8

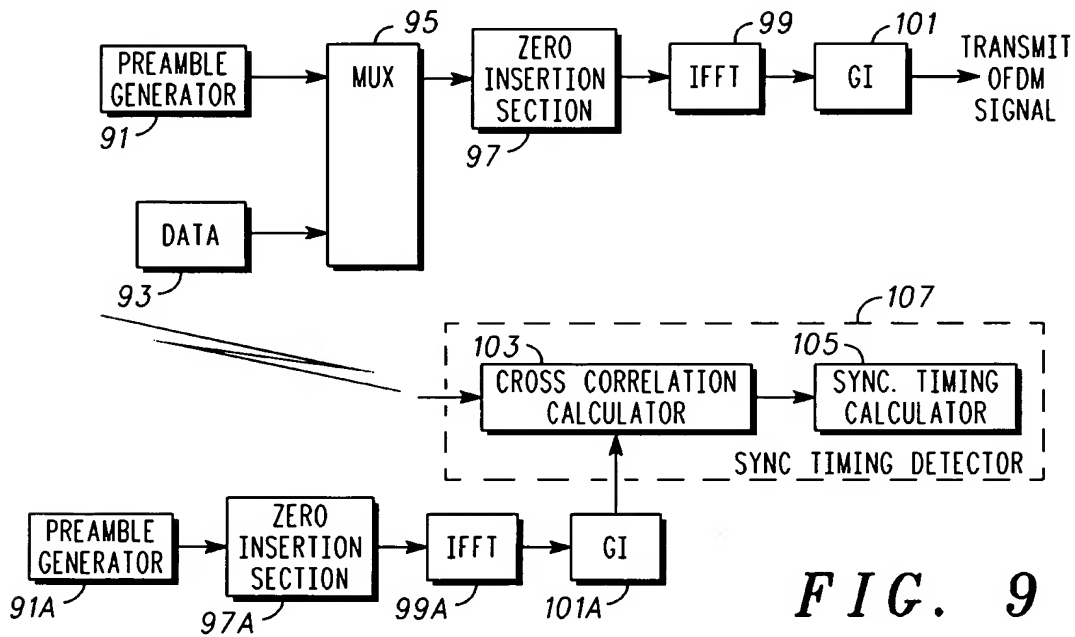


FIG. 9